

10-6-75

EEE BRANCH REVIEW

DATE: IN _____ OUT _____ IN 9/17/75 OUT 10/6/75 IN _____ OUT _____
FISH & WILDLIFE ENVIRONMENTAL CHEMISTRY EFFICACY

FILE OR REG. NO. PP 6F1673 EPA Reg. No. 464-448

PETITION OR EXP. PERMIT NO. 6F1673

DATE DIV. RECEIVED 9/10/75

DATE OF SUBMISSION 9/03/75

DATE SUBMISSION ACCEPTED _____

TYPE PRODUCT(S): (I,) D, H, F, N, R, S _____

PRODUCT MGR. NO. 12

PRODUCT NAME(S) Lorsban 4E

COMPANY NAME Dow Chemical

SUBMISSION PURPOSE Registration cotton

CHEMICAL & FORMULATION Chlorpyrifos

O,O-diethyl-O-(3,5,6-trichloro-2-pyridyl) phosphorothioate

Environmental Chemistry Review of Chlorpyrifos
PP 6F1673, EPA Reg. No. 464-448
Submitted By Dow Chemical 9-3-75

1. Introduction

See previous environmental chemistry evaluations.

Proposed use is on or in cotton, with proposed tolerance of 0.5 ppm in or on cottonseed and 0.01 ppm in eggs, meat, fat, and meat by-products of poultry for chlorpyrifos and its metabolite 3,5,6-trichloro-2-pyridinol.

2. Directions for Use

Use 0.25 to 1.0 lbs. active ingredient per acre in sufficient water to ensure thorough coverage by ground or aerial application as a broadcast foliar spray. Do not apply within 14 days before harvest. Do not allow livestock to graze in treated areas. Do not feed gin trash or forage to livestock. Do not plant to any crop other than cotton within one year after treatment.

Retreat as necessary to maintain control.

3. Discussion of Data

No environmental Chemistry data submitted.

4. Conclusions

No environmental chemistry data submitted.

In lieu of the requested residue data on rotational crops, the label specifically prohibits replanting treated areas to any crop other than cotton for a period of one year from last application.

5. Recommendations

In order to delete the 1 year crop rotation restriction on the label, residue data on rotational crops (to cotton) will be necessary.

R. W. Cook 10/78/25

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